REMARKS

The above Amendments and these Remarks are in reply to the Office Action mailed on September October 6, 2004. No fee is due.

In the current office action, objections were made to the figures. The figures and specification have been amended to address the objections.

Claims 1-14 were pending and rejected. Claims 1-14 are now pending. Claims 1, 3, 5, 10, 11 and 13 were rejected under 35 U.S.C. 102(e) as being anticipated by Yeo, U.S. Patent No. 6,711,741. Claims 2, 4, 6, 7-9, and 12 were rejected under 35 U.S.C. 103(a) as being obvious to one of ordinary skill in the art over Yeo in view of Ceccarelli, U.S. Patent No. 6,222,532. Applicants respectfully traverse these rejections.

Claims 1 and 10 disclose methods and devices for:

opening a main connection for receiving transmissions of a data flow;

opening a second connection for transmission of at least one look-x data stream comprising data from said data flow;

indexing at least one point of the look-x data stream to at least one corresponding point in said data flow; and

providing control of a playback position of said data flow based on the indexed points in the look-x data stream.

Claim 1 recites a method for indexing previously unindexed data content. The claimed method opens a first data stream for utilizing data such as video and a second data stream which receives advance or forward content. An index is generated from the forward content which is then used to navigate through the content. This method is highly advantageous as it allows the navigation of content which is not previously indexed.

Yeo discloses a system that transmits previously indexed media content alongside existing media streams to enable user navigation. Yeo is fails to disclose the features of the claimed invention. Specifically, Yeo fails to disclose or suggest the step of generating an index from the second connection. The second connection, namely the cited data path 322 includes *previously generated* index values that are used to for navigation. The examiner cites the fact that accessing a snapshot generates causes the corresponding video to be downloaded and states that "the correspondence meets the indexing step".

However, the disclosed feature of Yeo merely utilizes an existing index, it does not generate a new index. Nowhere does Yeo disclose the creation of the correspondence between the keyframes and their corresponding locations. More particularly, the system of Yeo does not create the second connection as cited by the Examiner (namely data path 322) as this connection includes already-created indexes. The approach of Yeo is vastly inferior to the claimed invention as it only allows navigation of previously indexed content.

Ceccarelli also fails to cure the deficiencies of Yeo. In light of the above, applicants submit that claims 1 and 10 and their corresponding dependent claims are patentably distinguishable over the claimed invention.

Claim 15 has been added. Claim 15 further distinguishes over Yeo by stating explicitly that the video stream lacks an existing index and that the generated index is new.

In light of the above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and a Notice of Allowance is requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

FLIESLER MEYER LLP

Date: January 6, 2005 By: _____

Bryon T. Wasserman
Reg. No. 48,404

FLIESLER MEYER LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone: (415) 362-3800
Fax: (415) 362-2928
Customer No.: 23910

OIPE
JAN 10 2005
PATENT & TRADEMARK OFFICE

Title: SYSTEM AND METHOD FOR VIDEO NAVIGATION AND CLIENT SIDE INDEXING
Docket No.: FX/99018
Appln. No.: 09/738,905
Filed: 12/14/2000
Inventors: John Boreczky, et al.
Attorney: Martin C. Fliesler
Phone: (415) 362-3800

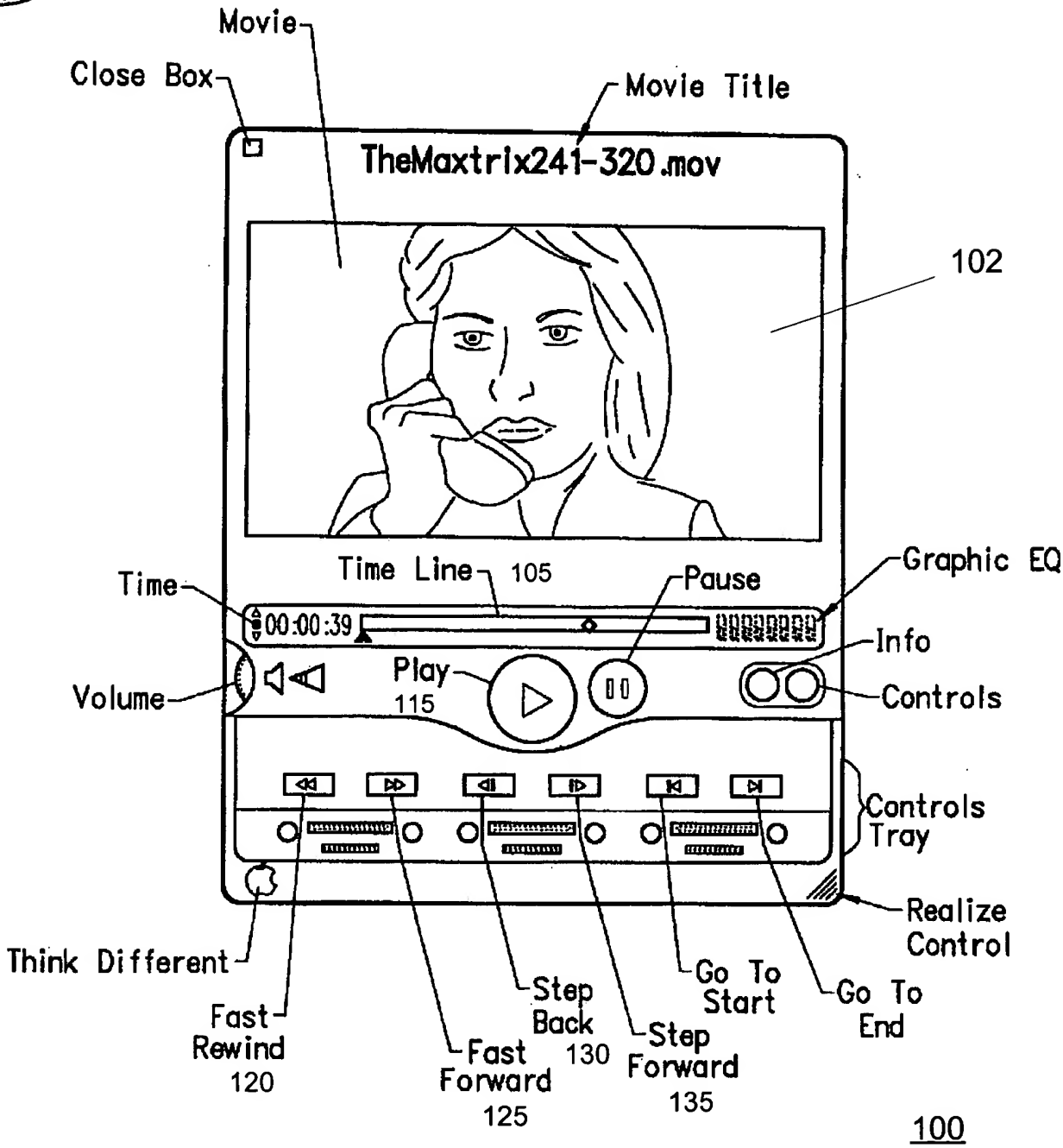

FIG. 1

Prior Art

OIPE JC48
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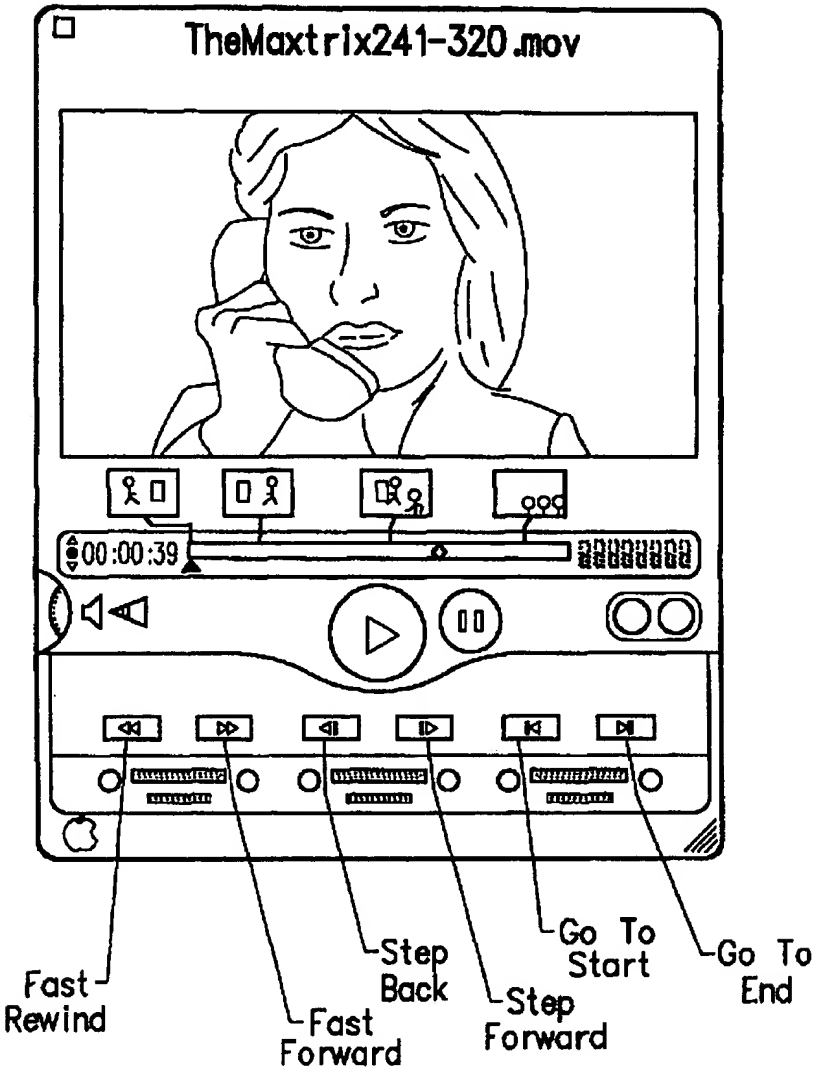

FIG. 2

Prior Art

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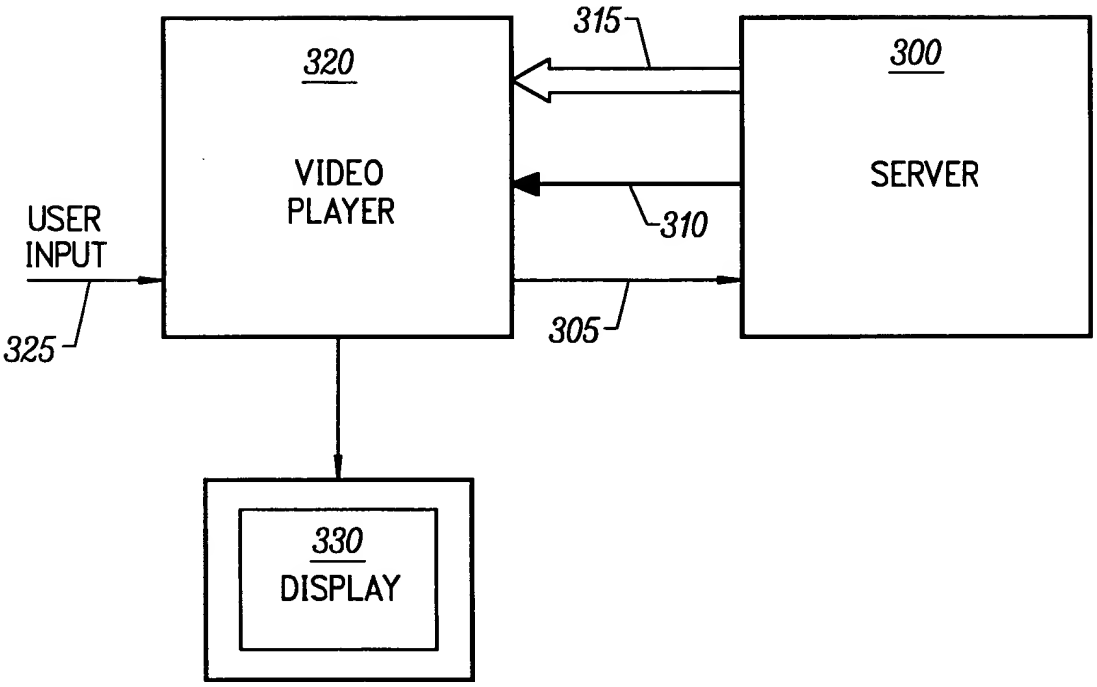

FIG. 3

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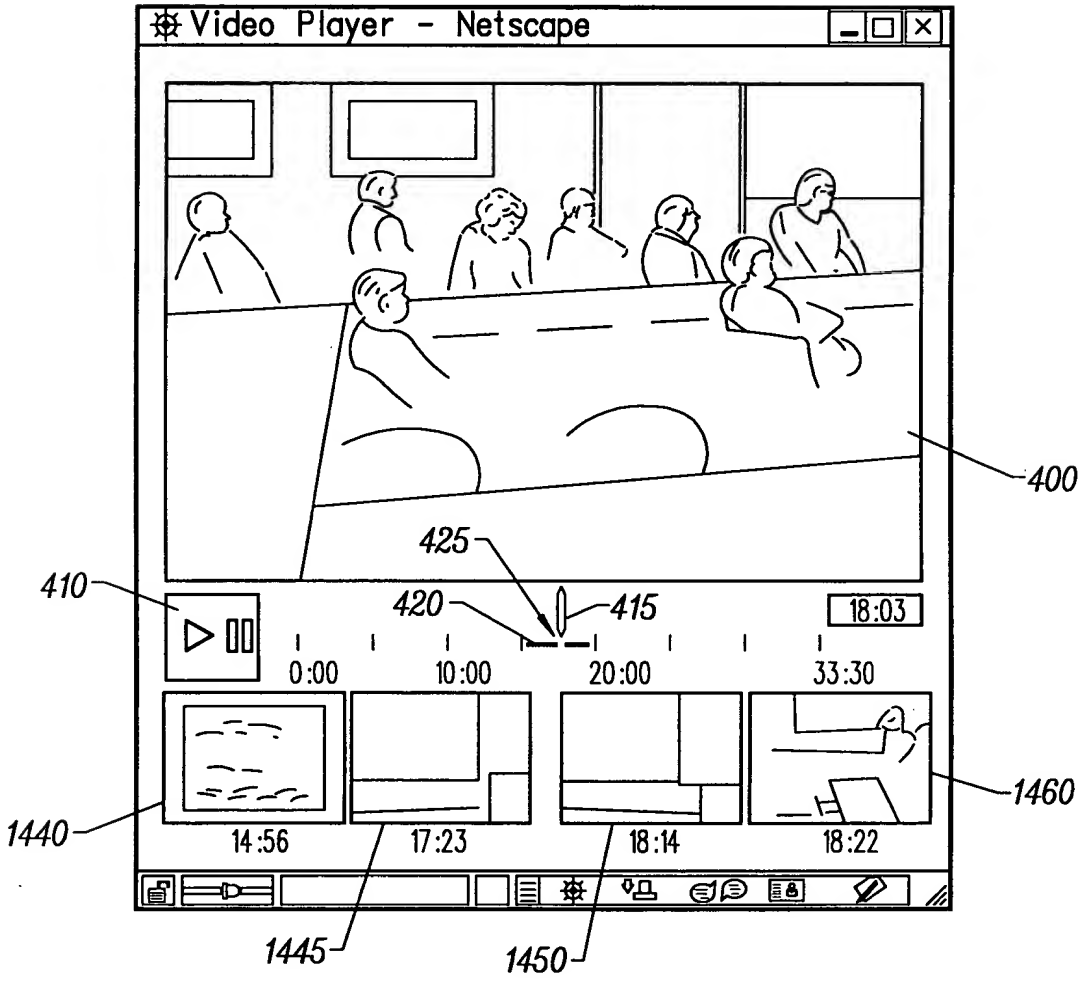

FIG. 4

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Title: SYSTEM AND METHOD FOR VIDEO NAVIGATION AND CLIENT SIDE INDEXING
Docket No.: FX/99018
Appln. No.: 09/738,905
Filed: 12/14/2000
Inventors: John Boreczky, et al.
Attorney: Martin C. Fliesler
Phone: (415) 362-3800

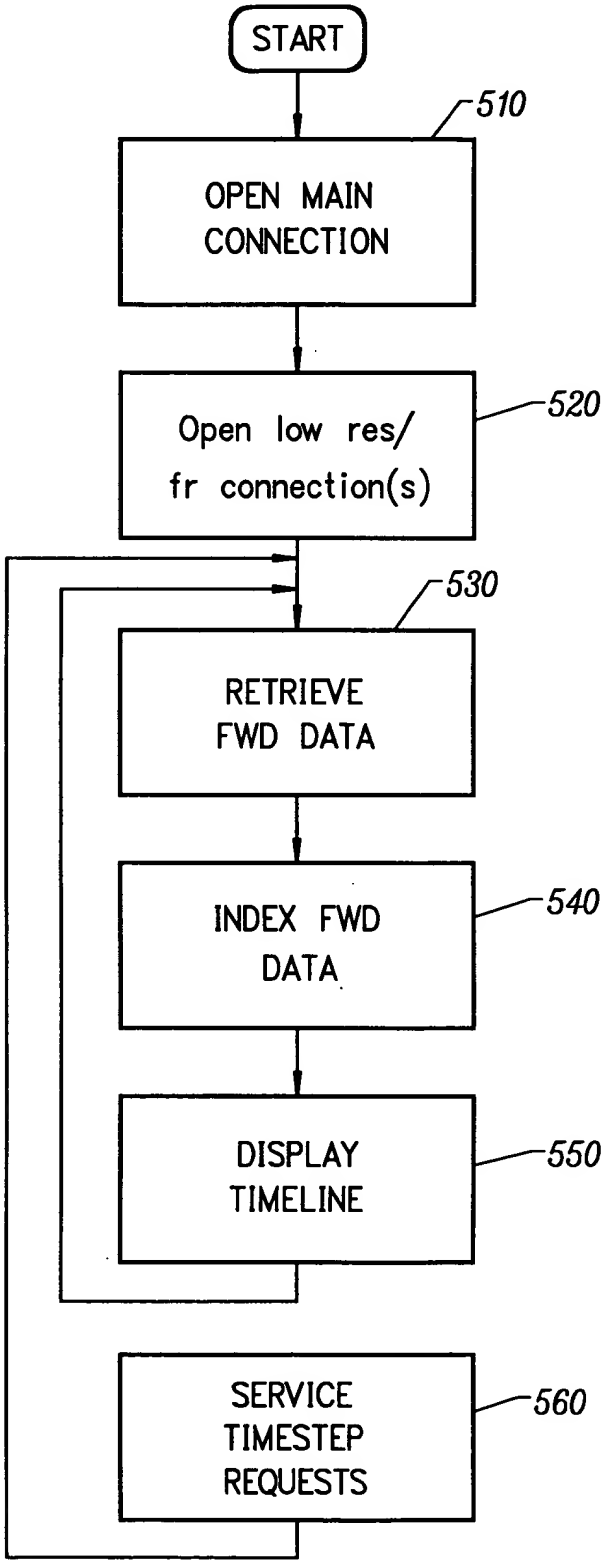

FIG. 5

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Docket No.: FX/99018
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Inventors: John Boreczky, et al.
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Phone: (415) 362-3800

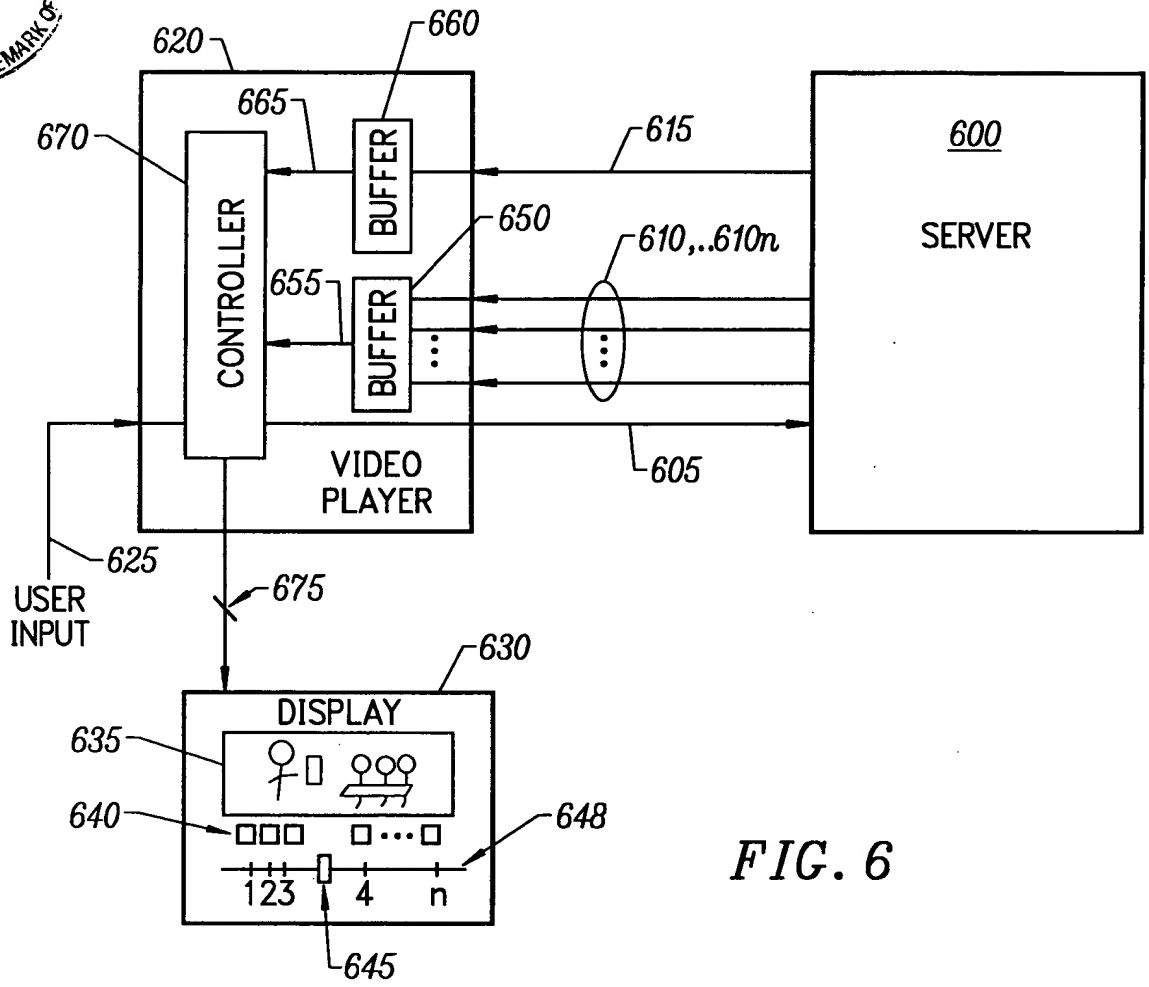

FIG. 6

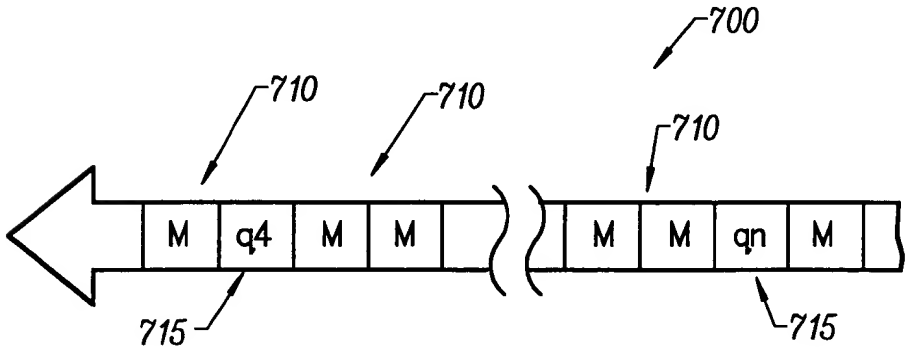

FIG. 7

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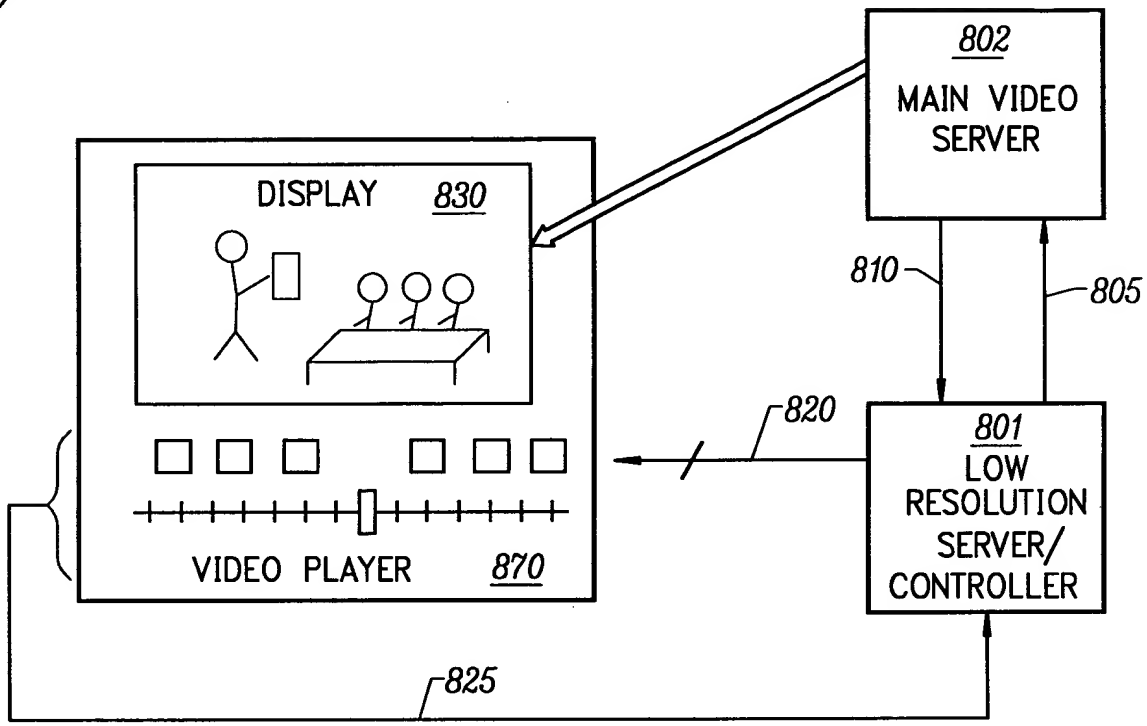

FIG. 8

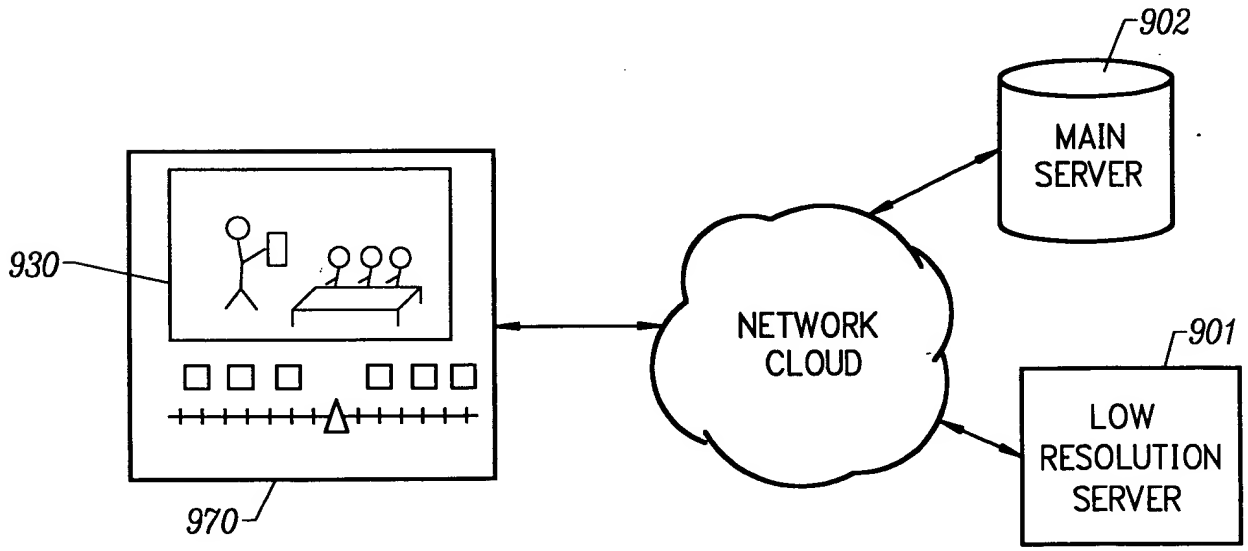

FIG. 9

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Inventors: John Boreczky, et al.
Attorney: Martin C. Fliesler
Phone: (415) 362-3800

MARKED UP COPY of Drawing Sheet 1

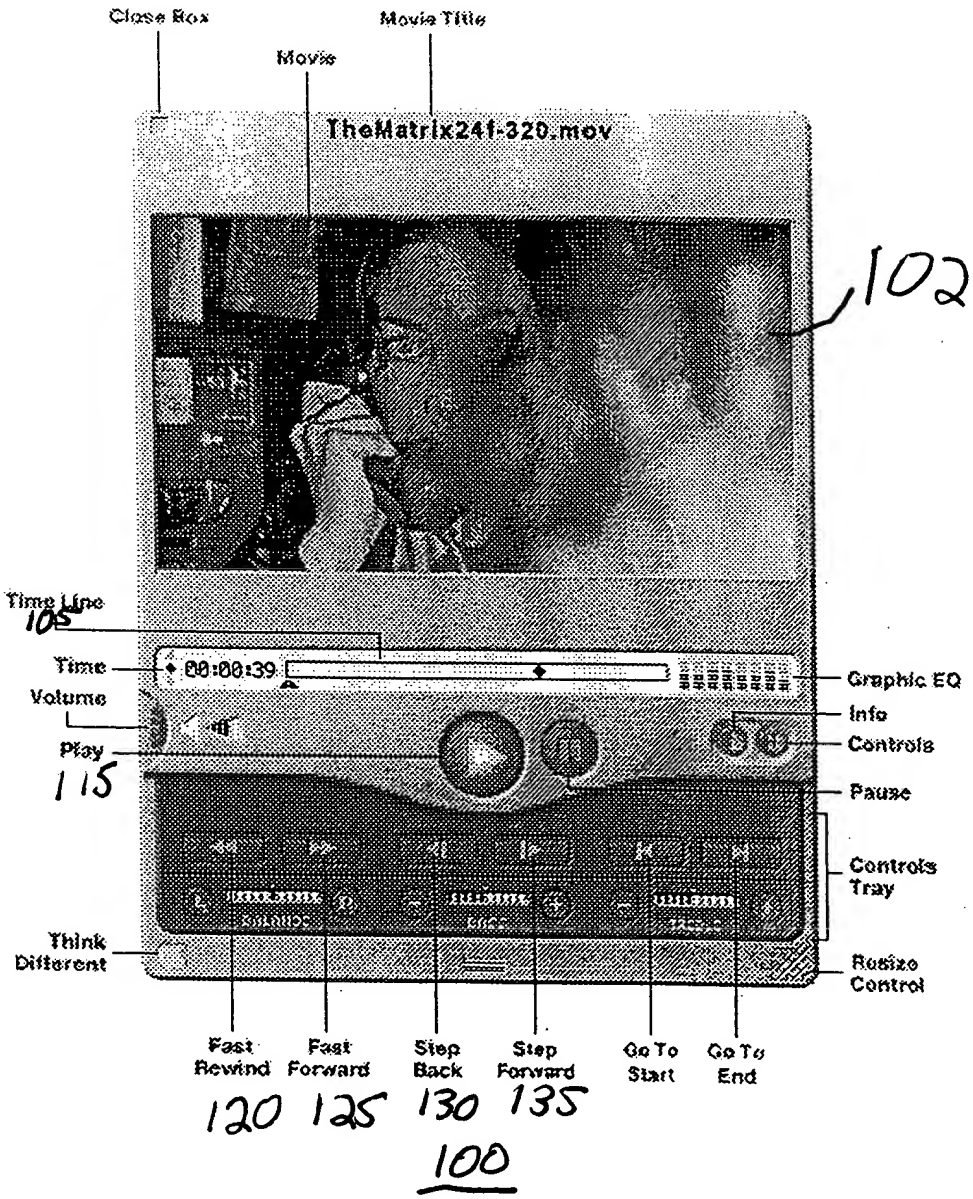

FIG. 1
Prior Art

OIPE JC48
JAN 10 2005
PATENT & TRADEMARK OFFICE

Title: SYSTEM AND METHOD FOR VIDEO NAVIGATION AND CLIENT SIDE INDEXING
Docket No.: FX/99018 Inventors: John Boreczky, et al.
Appln. No.: 09/738,905 Attorney: Martin C. Fliesler
Filed: 12/14/2000 Phone: (415) 362-3800

MARKED UP COPY of Drawing Sheet 2

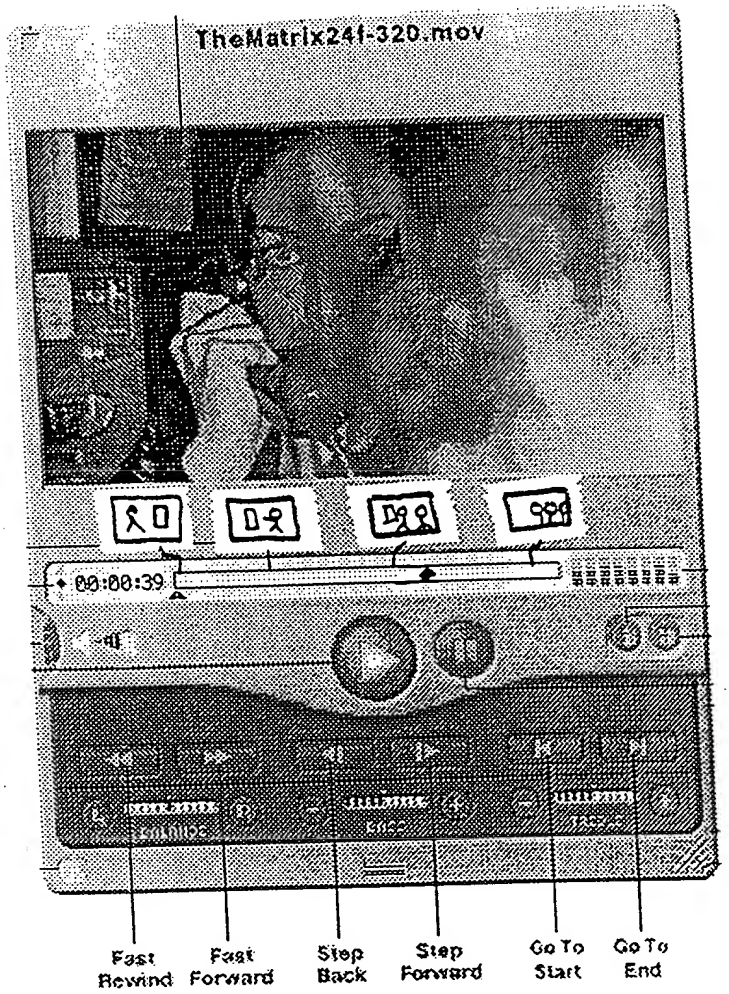

FIG. 2

Prior Art